ELSEVIER

Forest Ecology and Management 123 (1999) 291–292

Forest Ecology and Management

Contents of *Forest Ecology and Management*, Volume 123

VOL. 123, NO. 1 **11 OCTOBER 1999**

Effect of burnt wood removal on the natural regeneration of *Pinus halepensis* after fire in a pine forest in Tus valley (SE Spain)
J. José MartÌÒnez-Sánchez, P. Ferrandis, J. de las Heras and J. MarÌÒa Herranz (Albacete, Spain) 1
Spatial heterogeneity of winter forest resources used by deer
N. Morellet (Nogent-sur-Vernisson, France) and B. Guibert (Paris, France). 11
Attacks by bark- and wood-boring Coleoptera on mechanically created high stumps of Norway spruce in the two years following cutting
L.M. Schroeder, J. Weslien, Å. Lindelöw (Uppsala, Sweden) and A. Lindhe (Solna, Sweden). 21
Population levels and flight phenology of bark beetle predators in stands with and without previous infestations of the bark beetle *Tomicus piniperda*
L.M. Schroeder (Uppsala, Sweden) 31
An individual tree height increment model for mixed white spruce–aspen stands in Alberta, Canada
S. Huang and S.J. Titus (Alberta, Canada) 41
Factors affecting stand structure in forests – are there climatic and topographic determinants?
D.B. Lindenmayer, B.G. Mackey, I.C. Mullen, M.A. McCarthy, A.M. Gill, R.B. Cunningham and C.F. Donnelly (Canberra, Australia) 55
Tropical forest burning in Brazilian Amazonia: measurement of biomass loading, burning efficiency and charcoal formation at Altamira, Pará
P.M. Fearnside, P.M.L. de Alencastro Graça, N.L. Filho, F.J.A. Rodrigues (Manaus–Amazonas, Brazil) and J.M. Robinson (Barbara, CA, USA) 65
Spatial distribution of biomass in forests of the eastern USA
S.L. Brown P. Schroeder and J.S. Kern (Corvallis, OR, USA) 81
Erratum 91

Guide for Authors 93

VOL. 123, NOS. 2–3 **8 NOVEMBER 1999**

Establishment and development of northern white-cedar following strip clearcutting
E. Heitzman, K.S. Pregitzer (Houghton, MI, USA), R.O. Miller, M. Lanasa (Escanaba, MI, USA) and M. Zuidema (Gladstone, MI, USA) 97
Measurement of carbon dioxide evolution from a Japanese cedar (*Cryptomeria japonica* D. Don) forest floor using an open-flow chamber method
M. Ohashi, K. Gyokusen and A. Saito (Fukuokaken, Japan) 105
Spruce budworm defoliation and growth loss in young balsam fir: patterns of shoot, needle and foliage weight production over a nine-year outbreak cycle
H. Piene and D.A. MacLean (Fredericton, Canada) 115
Influence of decay fungi on species composition and size class structure in mature *Picea glauca* × *engelmannii* and *Abies lasiocarpa* in sub-boreal forests of central British Columbia
K.J. Lewis and B.S. Lindgren (Prince George, Canada) 135
Increased erosion hazard resulting from log-row construction during conversion to plantation forest
I.P. Prosser (Canberra, Australia) and B. Abernethy (Clayton, Australia) 145

A model for estimating juvenile height of lodgepole pine
G.D. Nigh (Victoria, Canada) and B.A. Love (Smithers, Canada) 157
Root system development of 12-year-old white spruce (*Picea glauca* (Moench) Voss) on a mounded subhygric-mesic site in northern interior British Columbia
J.L. Heineman (Vancouver, Canada), L. Bedford (Victoria, Canada) and D. Sword (Vancouver, Canada) 167
A tree hollow dynamics simulation model
I.R. Ball (Adelaide, Australia), D.B. Lindenmayer (Canberra, Australia) and H.P. Possingham (Roseworthy, Australia) 179
Attributes of logs on the floor of Australian Mountain Ash (*Eucalyptus regnans*) forests of different ages
D.B. Lindenmayer, R.D. Incoll, R.B. Cunningham and C.F. Donnelly (Canberra, Australia) 195
Genetic variation in mountain hemlock (*Tsuga mertensiana* Bong.): quantitative and adaptive attributes
A. Benowicz (Vancouver, Canada) and Y.A. El-Kassaby (Vancouver, Canada and Victoria, Canada) 205
Growth and branching habit of *Eucalyptus nitens* at different spacing and the effect on final crop selection
W.A. Neilsen (Hobart, Australia) and A.M. Gerrand (Port Vila, Vanuatu) 217
Litter production and leaf-litter decomposition of selected tree species in tropical forests at Kodayar in the Western Ghats, India
S.M. Sundarapandian and P.S. Swamy (Madurai, India) 231
An examination of the genetic control of Douglas-fir vascular tissue phytochemicals: Implications for black bear foraging
B.A. Kimball (Fort Collins, CO, USA), G.R. Johnson (Corvalis, OR, USA), D.L. Nolte (Olympia, WA, USA) and D.L. Griffin (Fort Collins, CO, USA) 245
Twenty years of change in a northern hardwood forest
C.W. Martin and A.S. Bailey (Campton, NH, USA) 253
Impact of forest type and management strategy on avian densities in the Mississippi Alluvial Valley, USA
D.J. Twedt, R.R. Wilson (Vicksburg, MS, USA), J.L. Henne-Kerr (Rolling Fork, MS, USA) and R.B. Hamilton (Baton Rouge, LA, USA) 261
Projection of height and diameter growth and estimation of future volume yield in a silvopastoral trial
J. Cancino, M. Espinosa (Concepción, Chile) and A. Varas (Chillán, Chile) 275
Erratum 287

Contents of *Forest Ecology and Management*, Volume 123 291

Contents Continued 293